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substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2 Sheet 1

	Complete If Known
Application Number	10/687,712
Filing Date	October 16, 2003
First Named Inventor	Daniela Gutman
Art Unit	N/A /624
Examiner Name	Not Yet Assigned KIFLE
Attorney Docket Number	03940/100K485-US4

			U.S. PA	TENT DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
DK	AA	US-2,673,205	03-23-1954	Hoffman et al.	
D.K.	AB	US-6,184,238-B1_	02-06-2001	Takano et al.	
B.K.	AC	US-6,372,757-B1	04-16-2002	Johns et al.	

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Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>8</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	™
0.10	BA	EP-1 083 172-A1	03-14-2001	Ashkinazi		
O.K.	BB	WO-01/79185-A1	10-25-2001	Curry		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gog">www.uspto.gog</a> or MPEP 901.04. \*Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Skind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
B.K.	CA	Masuda et al.: "Relationships Between Plasma Concentrations of Diphenylhydantoin, Phenobarbital, Carbamazepine, and 3-Sulfamoylmethyl-1,2-Benzisoxazole (AD-810), a New Anticonvulsant Agent, and Their Anticonvulsant or Neurotoxic Effects in Experimental Animals"; Epilepsia, vol. 20, December 1979, pages 623-633.	
	СВ	Bhardwaj et al.: "Pentobarbital inhibits extracellular release of dopamine in the ischemic striatum"; Journal of Neural Transmission [GenSect] (1990) 82; pages 111-117.	
	CC	Samour et al.: "Anticonvulsants. 1. Alkoxymethyl Derivatives of Barbiturates and Diphenylhydantoin"; Journal of Medicinal Chemistry, 1971, vol. 14, no. 3 pages 187-189.	
1	CD	Casara et al.: "SYNTHESIS OF ACID STABLE FLUORINATED ACYCLONUCLEOSIDES AS POTENTIAL ANTIVIRAL AGENTS"; Tetrahedron Letters, vol. 32, no. 31, pages 3823-3826, 1991.	
	CE	Sircar: "CLXXIIIThe Influence of Groups and Associated Rings on the Stability of Certain Heterocyclic Systems. Part II. The Substituted Succinimides"; Journal of the Chemical Society, May 1927, pages 1252-1258.	
	CF	The Merck Index; An Encyclopedia of Chemicals, Drugs, and Biologicals; Tenth Edition, Published by Merck & Co., Inc., Rahway, NJ, USA, 1983, page 544, (entry 3697).	
-	CG	Salmon-Legagneur et al.: "Recherches dans la serie des diacides αα-disubstitues et de leurs derives. III Les acides a-phenyl a-alcoyl (ou phenoalcoyl) glutariques et leurs principaux derives"; Bull. Soc. Chim. France (1953) p. 70 - 75.	
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	CI	Tagmann et al: Helv. Chim. Acta 35, 1541-1549 (1952).	
V.	CJ	McELVAIN: "5,5-Diphenylbarbituric Acid"; vol. 57, pages 1303-1304, (1935).	
-7	СК	Appendix 1 of U.S.S.N. 60/352,273, filed January 30, 2002. Chemical Derivative Chart (total of 8 pages).	

Examiner Signature	Bruk K	Date Considered	8/04/04

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11	NFORMATION	ON D	SCLOSURE	Filing Date	October 16, 2003	
5	STATEMENT BY APPLICANT			First Named Inventor	Daniela Gutman	
			. •	Art Unit	N/A 16 24	
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Sheet	2	of	2	Attorney Docket Number	03940/100K485-US4	

	CL	Appendix 2 of U.S.S.N. 60/352,273, filed January 30, 2002: References to Chemical	
		Derivatives (total of 3 pages).	
	CM	Appendix 3 of U.S.S.N. 60/352,273, filed January 30, 2002: CANCERLIT (total of 9 pages)	
	CN	Appendix 3 of U.S.S.N. 60/352,273, filed January 30, 2002: PubMed search results printout of	
*		1/15/2002 (total of 7 pages).	
	CO	Appendix 3 of U.S.S.N. 60/352,273, filed January 30, 2002: MEDLINE plus printout of	_
		1/15/2002: Barbiturates (Systemic) (total of 14 pages).	
	CP	PubMed search results printout of 12/27/2002 (total of 3 pages):	
Q V	CQ	Loudon et al: "Organic Chemistry"; Addison-Wesley (1984), pages 617,721-722, 1061-1064,	
0天、		1086-1088, 1194.	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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	Substitute for form 1449	A/PTO			Complete if Known
				Application Number	10/687,712
	<b>INFORMAT</b>	ION DISC	CLOSURE	Filing Date	October 16, 2003
	STATEMEN	NT BY AF	PPLICANT	First Named Inventor	Daniela Gutman
				Art Unit	Not Yet Assigned 1667
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She	et 1	of	2	Attorney Docket Number	03940/100K485-US4

			U.S. PA	TENT DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant
Initials*	No.	Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	of Cited Document	Passages or Relevant Figures Appear
	-	10/375,340		Gutman et al.	
A.K.	2	4,628,056	12/1986	Levitt et al.	
Bill.	3	6,093,820	07/25/2000	Gutman et al.	
B.K.	4	6,664,262	12/16/2003	Gutman et al.	

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Examiner	Cite	. Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	T
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	₽
D.K.	5	WO-02/07729	01/31/02			1
1.K	6	DE-2622981	12/1977			$\top$
B.K.	7	DE-4028040	3/1992			十一
D.K.	8	EP-726252	01/31/96			$\top$
B.K.	9	DE-1939787	02/19/70		<u> </u>	1

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>8</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
SK.	10	Thacker et al., "A Method for Determination of 5,5 Diphenylbarbituric Acid and Separation from 1,3 Dimethoxymethyl 5,5 Diphenylbarbituric Acid in Plasma by High Performance Liquid Chromatography," Journal of Chromatography B, 710:149 155 (1998).	
	11	Raines, et al., "Conversion of Dimethoxymethyl Diphenylbarbituric Acid (DMMDPB) to Diphenylbarbituric Acid (DPB) in the Dog," The FASEB J., 13(4):A475, Ansract 394.2 (1999).	
	12	Raines, et al., "Conversion of Dimethoxymethyl Diphenylbarbituric Acid (DMMDPB) to Diphenylbarbituric Acid (DPB) in the Rat," The FASEB J., 10:A 155, Abstract 895 (1996).	
	13	Raines, et al., "Serum and Brain Levels of 5 5 Diphenylbarbituric Acid (DPB) After Administration of dimethoxymethyl Diphenylbarbituric Acid (DMMDPB) in the Rat," Epilepsia, 37:Supp. 5, p. 23, Abstract 1.84 (1996).	
	14	Raines, et al., "Differential Selectivity of Several Barbiturates on Experimental Seizures and Neurotoxicity in the Mouse," Epilepsia, 20:105 113 (1979).	
	15	Raines, et al., "The Effects of 5,5 Diphenylbarbituric Acid on Experimental Seizures in Rats: Correlation Between Plasma and Brain Concentrations and Anticonvulsant Activity," Epilepsia, 16:575 581 (1975).	
	16	Raines, et al., "A Comparison of the Anticonvulsant, Neurotoxic and Lethal Effects of Diphenylbarbituric Acid Phenobarbital and Diphenylhydantoin in the Mouse," Journal of Pharmacology and Experimental Therapeutics, 186:315 322 (1973).	
V	17	The Merck Index, 10th Ed., 1983, p. 544 (entry 3697).	

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				Application Number	10/687,712	
11	<b>VEORMATION</b>	1 DI	SCLOSURE	Filing Date	October 16, 2003	
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Sheet	2	of	2	Attorney Docket Number	03940/100K485-US4	

B.K	18	Susumu Kamata, Nobuhiro Haga, Takeaki Matsui and Wataru Nagata, "Studies of Antitumor-Active 5-Fluorouracil Derivatives. I. Synthesis of N-Phthalidyl 5-Fluorouracil Derivatives", Chemical And Pharmaceutical Bulletin, Vol. 33, No. 8, 1985, pp. 3160-3175.
	19	J.P. Gesson, JC Jacquesy, D. Rambaud, "A practical method for N-alkylation of succinimide and glutarimide", Bulletin De La Societe Chimique De France, Vol. 129, No. 3, 1992, pp. 227-231.
	20	P. Casara et al., "Synthesis of acid stable fluorinated acylnucleosides", Vol. 32, No. 31, 1991, pp. 3823-3826.
	21	Foye, "Principles of Medicinal Chemistry", 3rd ed., 1990, pp. 164, 179.
	22	Karger et al., "Methoxymethyl Methanesulfonate, A Novel Active Oxyalkylating Agent", Journal of the American Chemical Society, 91:5663 (1969).
V	23	Aldrich Chemical Catalog, 1990-1991, p. 303.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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Sheet	1	of	2	Attorney Docket Number	03940/100K485-US4		

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Initials"	No.'	Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	of Cited Document	Where Relevant Passages or Relevant Figures Appear		
1	1	10/375,340		Gutman et al.	Tigo co 7 Cpcai		
D.K.	2	4,628,056	12/1986	Levitt et al.			
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DIC	3	02/07729 WO 02/07729	01/31/02			✝					
D.K.	4	2622981 DF 262 2981	12/1977			+					
B.K.	5	4028040 DE 402 8040	3/1992			✝					
B.K.	6	720252 EP 726252	01/31/96			┼┈					
O.K.	7	1939787 DE 1939787	02/19/70			${\dagger}$					
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D.K.	8	Thacker et al., "A Method for Determination of 5,5 Diphenylbarbituric Acid and Separation from 1,3 Dimethoxymethyl 5,5 Diphenylbarbituric Acid in Plasma by High Performance Liquid Chromatography," Journal of Chromatography B, 710:149 155 (1998).	
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S	TATEMEN'	T BY AF	PLICANT	First Named Inventor	Daniela Gutman	
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<b>V</b>	21	Aldrich Chemical Catalog, 1990-1991, p. 303.
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	19	Foye, "Principles of Medicinal Chemistry", 3rd ed., 1990, pp. 164, 179.
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